

said walls, said projecting section forming an unobstructed medial air gap.

56. (Amended) Matable electrical connectors, having power and signal capabilities, comprising:

(a) a power receptacle comprising an insulative receptacle housing having at least one conductive receptacle contact, said receptacle contact comprising a pair of spaced walls forming therebetween a plug contact receiving space; and

(b) a power plug comprising an insulative plug housing having at least one conductive plug contact, said plug contact comprising a pair of spaced walls, said spaced walls each having a plate extending therefrom, said plates forming a projecting section engageable in the plug receiving space of the receptacle contact, said plates being opposed and spaced from each other by a distance less than a distance between said walls, said projecting section forming a medial air gap, said medial air gap being unobstructed so as to allow heat building up therein to dissipate.

Subcl 57. (Amended) Matable electrical connectors having signal and power capabilities, comprising:

(a) a power receptacle comprising an insulative receptacle housing having at least one conductive receptacle contact, said receptacle contact comprising a pair of spaced walls forming therebetween a plug contact receiving space; and

(b) a power plug comprising an insulative plug housing having at least one conductive plug contact, said plug contact comprising a pair of spaced walls, said spaced walls each having a plate extending therefrom, said plates forming a projecting section engageable in the plug receiving space of the receptacle contact, said plates being opposed and spaced from each other by a distance less than a distance between said walls and wherein distal portion of said opposed plates can come into contact with